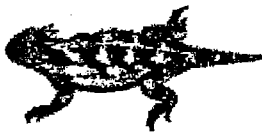









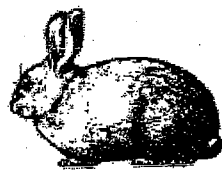










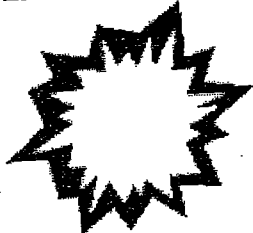
3/20-3/25
(3 days)




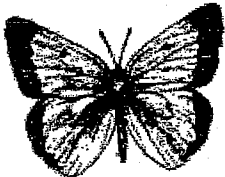
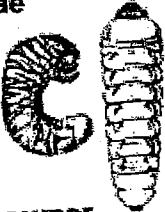
PART 5

1. Cut out the producer, consumer, and decomposer cards.
2. Sort the pictures according to energy sources; producers, primary consumers (herbivores), secondary consumers (carnivores), and decomposers
3. Create a food web using as many of the cards as you can.
4. Glue the cards onto the large white paper, draw arrows to show the flow of energy through the food web.
5. Highlight all the producers in green, primary consumers in blue, secondary consumers in red, and decomposers in brown. Make a key on the white paper.
6. Look at your food web and find the plants that have a star on the card. Those plants have been sprayed with a poisonous insecticide. If animals eat the organism that have been sprayed, they take in the poison. In small doses the poison may not kill the animal, but will build up in the body and can be passed along through the food web. If enough poison is ingested, it can be fatal to the animal. Some insects can survive the poison, but others will die.
7. Put an "X" on the animals that might get some of the poison into their bodies (put the "X" in the corner of the card).
8. Answer the following questions.

Would there be more predators or prey in a particular community of plants and animals?
Why?

<p>Coast Horned Toad</p>  <p>Consumer Small Insects</p>	<p>Western Fence Lizard</p>  <p>Consumer Insects - Spiders</p>	<p>Ground Squirrel</p>  <p>Consumer Green Vegetation - seeds - bulbs - acorns</p>
<p>Gopher Snake</p>  <p>Consumer Rats - Mice - Rodents - Rabbits Birds - Quail - Lizards</p>	<p>Grey Fox</p>  <p>Consumer Berries of Various Plants Gophers - Mice - Rodents - Rabbits Birds - Quail</p>	<p>Spotted Skunk</p>  <p>Consumer/Scavenger Insects - small rodents - Birds Carion - eggs - some plant material</p>
<p>Western Rattlesnake</p>  <p>Consumer Rodents - Squirrels - Rabbits Birds - Lizards - Reptiles</p>	<p>Scrub (California) Jay</p>  <p>Consumer Insects - Eggs - Small Birds Acorns</p>	<p>Mountain Coyote</p>  <p>Consumer/Scavenger Squirrels - Mice - Rabbits - Grasshoppers Birds - Berries of various plants</p>
<p>California Quail</p>  <p>Consumer Seeds - Leaves - Berries Insects</p>	<p>Brush Rabbit</p>  <p>Consumer Plant Material Grasses - Herbs - Shrubs - Leaves</p>	<p>Red-Tailed Hawk</p>  <p>Consumer Rodents - Squirrels - Rabbits - Insects</p>
<p>Rodent (Pocket Mouse)</p>  <p>Consumer Seeds of various plants</p>		

<p>Toyon</p>  <p>Producer</p>	<p>Chamise</p>  <p>Producer</p>	<p>Manzanita</p>  <p>Producer</p>
<p>Bitter Cherry</p>  <p>★ Producer ★</p>	<p>Scrub Oak</p>  <p>Producer</p>	<p>Bacteria-Fungi-Molds</p>  <p>Decomposers Break down dead or decaying Materials Recycling Nutrients</p>
<p>Sun</p>  <p>Solar Energy Ultimate source of energy for most of life on Earth</p>		

<p>Grasshopper (Insect)</p>  <p>Consumer Green Vegetation - Leaves</p>	<p>Spiders</p>  <p>Consumer Insects</p>	<p>Beetles (Insects)</p>  <p>Consumer Plant Material - Bark - Leaves</p>
<p>Butterflies (Insects)</p>  <p>Consumer Flower Nectar</p>	<p>Grubs & Insect Larvae</p>  <p>Consumer Leaves and plant Material</p>	